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85189-5500

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Arnon NAGLER et al

Confirmation No.

Application No.:

Group Art Unit:

Filing Date:

Examiner:

For: TREATMENT FOR RENAL FIBROSIS

Attorney Docket No.: 85189-5500

**POWER OF ATTORNEY BY ASSIGNEES  
AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. 1.71**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

The undersigned assignees of the entire interest in the above-identified subject application hereby appoint Allan A. Fanucci (Reg. No. 50,256) and Daniel J. Hulseberg (Reg. No. 36,554) of WINSTON & STRAWN LLP (Customer No. 28765) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith.

Please direct all correspondence for this application to Customer No. 28765 to the attention of Allan A. Fanucci (telephone 212-294-3311, facsimile 212-294-4700).

An assignment of the entire interest in the above-identified subject application:

- ☐ is submitted herewith for recording and a copy is attached.  
☐ was submitted for recordation on \_\_\_\_\_ and a copy is attached.  
☐ was recorded on \_\_\_\_\_ at Reel \_\_\_\_\_, Frame \_\_\_\_\_.

The undersigned has reviewed this assignment and, to the best of his/her knowledge, title is in the assignee seeking to take action in this application and that he/she is empowered to act on its behalf.

ASSIGNEE:

**HADASIT MEDICAL RESEARCH SERVICES AND  
DEVELOPMENT LTD.**

Signature:

Date of Signature:

Typed Name:

Position/Title:

Address:

Authorized Officer

Kiryat Hadassah, 91120 Jerusalem, Israel

Page 1 of 2  
MAY 10 2004

WEBB & ASSOCIATES 972 B 9470860 FAX NO. 972 3 8247446

UN-THAT-2004 SUN 09:22 4 MAY 2004 9:48

10. MAY. 2004 18:27

WEBB & ASSOCIATES 972 8 9470860

NO. 801 P. 8  
85189-5500

ASSIGNEE: STATE OF ISRAEL, MINISTRY OF AGRICULTURE,  
AGRICULTURAL RESEARCH ORGANIZATION

Signature:

Date of Signature:

Typed Name:

Position/Title:

Address:

10.3.2004

Authorised Officer

Volcani Center, P.O. Box 6

50250 Bet Dagan, Israel

*E. Putievsky*  
DR. E. PUTIEVSKY  
HEAD OF A.R.O.

*Hana Gad*  
HANA GAD  
TREASURER OF A.R.O.

10.3.04

D. 72

ASSIGNEE: COLLGARD BIOPHARMACEUTICALS LTD.

Signature:

Date of Signature:

Typed Name:

Position/Title:

Address:

~~COLLGARD BIOPHARMACEUTICAL  
LTD.~~

Authorised Officer

1B Bazel Street, Kiriat Arie

Petach Tikva 49170, Israel

File No. 85189-5500

**ASSIGNMENT**

WHEREAS, each of,

Arnon NAGLER, a citizen of Israel, residing at  
46 Sderot Herzl, 74381 Jerusalem, Israel;

Israel VLODAVSKY, a citizen of Israel, residing at  
34 Arbel Street, 90805 Mevaseret Zion, Israel;

Mark PINES, a citizen of Israel, residing at  
8 Hasigaliot Street, Havazelet, 76605 Rehovot, Israel; and

Shai YARKONI, a citizen of Israel, residing at  
33 Lamed Hey Street, 44395 Kfar Saba, Israel.

ASSIGNOR, is an inventor of the invention in TREATMENT FOR RENAL FIBROSIS,  
for which a United States patent application is identified by Winston & Strawn  
Docket No. 85189-5500 and

- ☒ is being filed concurrently with the recordation of this Assignment.
- ☒ was filed on November 24, 2003 as Application No. \_\_\_\_\_

WHEREAS HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD., having a place of business at Kiryat Hadassah, 91120 Jerusalem, Israel; STATE OF ISRAEL, MINISTRY OF AGRICULTURE, AGRICULTURAL RESEARCH ORGANIZATION, having a place of business at, Volcani Center, P.O. Box 6, 50250 Bet Dagan, Israel; and COLGARD BIOPHARMACEUTICALS LTD., having a place of business at, 1B Bazel Street, Kiriat Arie, Petach Tikva 49170, Israel, ASSIGNEES are desirous of jointly obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to each inventor in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, each ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, his or her entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof;

10. MAY. 2004 18:263:20

WEBB & ASSOCIATES 972 8 9470860X NO. 972 3 8247 NO. 801

P. 3 P. 02

10. MAY. 2004 14:38

WEBB & ASSOCIATES 972 8 9470860

NO. 788

P. 1.

TO: COLLGARD

And each ASSIGNEE hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

And each ASSIGNEE hereby covenants and agrees that he or she has the full right to convey the entire interest herein assigned, and that he or she has not assigned, and will not assign, any agreement in conflict herewith;

And each ASSIGNEE hereby further covenants and agrees that he or she will contribute to the said ASSIGNEE, its successors, legal representatives and assigns, any fees known to him or her respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisions, continuing, and renewal applications, make all rightful claims, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention;

And each ASSIGNEE hereby authorizes the ASSIGNEE's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

In witness whereof, each grantor has affixed his or her signature.

Date 6/5 2004

Armen Nagler  
Armen Nagler

On 6/5 2004, before me, Mezughan Lest  
Witness, appeared Armen Nagler, to me known and known to me to be the person of that name, who signed the foregoing instrument, and acknowledged the same to be his or her act and deed.

Prof. Armen Nagler  
Faculty at the Massachusetts Dept. of  
the Boston Transportation Dept. &  
Cape Cod State

Mezughan Lest 6.5.04  
Witness

FROM: 28-MAY-2004 9:11:12 WITNESS: FAX NO. 7972 9 7886038 MAY. 29 2004 12:11:00 P2

Date: 280 \_\_\_\_\_  
Witness: \_\_\_\_\_  
On 280, before me, \_\_\_\_\_  
Witness, appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed the foregoing instrument, and acknowledged the same to be his/her free act and deed.

Witness: \_\_\_\_\_

Date: 200 \_\_\_\_\_  
Witness: \_\_\_\_\_  
On 200, before me, \_\_\_\_\_  
Witness, appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed the foregoing instrument, and acknowledged the same to be his/her free act and deed.

Witness: \_\_\_\_\_

Date: 28/3/2004 \_\_\_\_\_  
Witness: \_\_\_\_\_  
On 28/3/2004, before me, \_\_\_\_\_  
Witness, appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed the foregoing instrument, and acknowledged the same to be his/her free act and deed.

Witness: \_\_\_\_\_  
On 28/3/2004, before me, \_\_\_\_\_  
Witness, appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed the foregoing instrument, and acknowledged the same to be his/her free act and deed.

Witness: \_\_\_\_\_

Page 3 of 3

10. MAY. 2004 18:273:19

WEBB & ASSOCIATES 972 B 9470860X NO. 972 3 9247 NO. 801

P. 5 P. 01

10. MAY. 2004 14:393

UCWEBB & ASSOCIATES 972 B 9470860

NO. 788 P. 3

Date 16/02/04 200

Witness VLODAVSKY

On 16/02/04 200, before me,  
Witness, appeared VLODAVSKY, to me known and known to me to be the person of  
that name, who signed the foregoing instrument, and acknowledged the same to be his/her  
free act and deed.

Witness

Date 16/02/04 200

Mark Pines  
Mark PINES

On 16/2/04 200, before me, Orman  
Witness, appeared Mark Pines, to me known and known to me to be the person of that  
name, who signed the foregoing instrument, and acknowledged the same to be his/her free act  
and deed. Orman

Witness

Date 16/02/04 200

Witness TARKENT

On 16/02/04 200, before me,  
Witness, appeared TARKENT, to me known and known to me to be the person of that  
name, who signed the foregoing instrument, and acknowledged the same to be his/her free act  
and deed.

Witness

10. MAY. 2004. 18:273:20

WEBB & ASSOCIATES 972 8 9470860X NO. 872 3 9247 NO. 801

P. 6 P. 04

04/010. MAY. 2004 14:39  
04 May 04 08142

WEBB & ASSOCIATES 972 8 9470860

NO. 788

P. 4<sup>uz</sup>  
P. 8

Date May 4 2004 Israel Vlodavsky  
Israel VLODAVSKY

On 4/5 2004, before me, Meguid Ben Lust  
Witness, appeared Israel VLODAVSKY, to me known and known to me to be the person of  
that name, who signed the foregoing instrument, and acknowledged the same to be his/her  
free act and deed.

Meguid Ben Lust  
Witness

Date \_\_\_\_\_ 200\_\_\_\_ Mark FINEK

On \_\_\_\_\_ 200\_\_\_\_, before me,  
Witness, appeared Mark FINEK, to me known and known to me to be the person of that  
name, who signed the foregoing instrument, and acknowledged the same to be his/her free act  
and deed.

\_\_\_\_\_  
Witness

Date \_\_\_\_\_ 200\_\_\_\_ Shai YARKONI

On \_\_\_\_\_ 200\_\_\_\_, before me,  
Witness, appeared Shai YARKONI, to me known and known to me to be the person of that  
name, who signed the foregoing instrument, and acknowledged the same to be his/her free act  
and deed.

\_\_\_\_\_  
Witness





10. MAY. 2004 18:28

WEBB &amp; ASSOCIATES 972 B 9470860

NO. 801 P. 9

WINSTON &amp; STRAWN DOCKET NO.: 85189-5500

## DECLARATION FOR NON-PROVISIONAL PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. beneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled in:

## TREATMENT FOR RENAL FIBROSIS

and for which a patent application:

- ☒ is attached hereto and includes amendment(s) filed on \_\_\_\_\_ (if applicable)  
☐ was filed in the United States on as Application No. \_\_\_\_\_ (declaration not accompanying application) with amendment(s) filed on \_\_\_\_\_ (if applicable)  
☐ was filed as PCT international Application No. \_\_\_\_\_ on \_\_\_\_\_ and was amended under PCT Article 19 on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
IL143366	Israel	May 24, 2001	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

PROVISIONAL APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

NON-PROVISIONAL APPLICATION NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
PCT/IL02/00408	May 23, 2002		X	

\* for use only when the application is assigned to a company, partnership or other organization.

10. MAY. 2004\_18:28

WEBB &amp; ASSOCIATES 972 8 9470860684835

NO. 801 NEP. 10 D82

WINSTON &amp; STRAWN DOCKET NO: 85189-5500

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

2	FULL NAME OF INVENTOR	LAST NAME <b>NAGLER</b>	FIRST NAME <b>Avron</b>	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY <b>Jerusalem</b>	STATE OR FOREIGN COUNTRY <b>Israel</b>	COUNTRY OF CITIZENSHIP <b>Israel</b>
1	POST OFFICE ADDRESS	STREET <b>46 Sderot Herzl</b>	CITY <b>Jerusalem</b>	STATE OR COUNTRY <b>Israel</b> ZIP CODE <b>743871</b>
SIGNATURE OF INVENTOR 201				DATE
2	FULL NAME OF INVENTOR	LAST NAME <b>VLODAVSKY</b>	FIRST NAME <b>Israel</b>	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY <b>Mevasseret Zion</b>	STATE OR FOREIGN COUNTRY <b>Israel</b>	COUNTRY OF CITIZENSHIP <b>Israel</b>
2	POST OFFICE ADDRESS	STREET <b>34 Arbel Street</b>	CITY <b>Mevasseret Zion</b>	STATE OR COUNTRY <b>Israel</b> ZIP CODE <b>90805</b>
SIGNATURE OF INVENTOR 202				DATE
2	FULL NAME OF INVENTOR	LAST NAME <b>PINES</b>	FIRST NAME <b>Mark</b>	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY <b>Rehovot</b>	STATE OR FOREIGN COUNTRY <b>Israel</b>	COUNTRY OF CITIZENSHIP <b>Israel</b>
3	POST OFFICE ADDRESS	STREET <b>8 Harigallot Street, Havazelet</b>	CITY <b>Rehovot</b>	STATE OR COUNTRY <b>Israel</b> ZIP CODE <b>76605</b>
SIGNATURE OF INVENTOR 203 <i>Mark Pines</i>				DATE <i>16/2/04</i>

10-MAY-2004 MON 10:12 10:12 P.01

WINSTON & STRAWN DOCKET NO.: 85189-8900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

2	FULL NAME OF INVENTOR	LAST NAME <b>NAGLER</b>	FIRST NAME <b>Arnon</b>	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY <b>Jerusalem</b>	STATE OR FOREIGN COUNTRY <b>Israel</b>	COUNTRY OF CITIZENSHIP <b>Israel</b>
1	POST OFFICE ADDRESS	STREET <b>46 Sderot Herzl</b>	CITY <b>Jerusalem</b>	STATE OR COUNTRY <b>Israel</b> ZIP CODE <b>74381</b>
Prof. Arnon Nagler Director of the Herodotus Sans Mervat Transplantation Dept. & Cord Blood Bank			SIGNATURE OF INVENTOR 201 <i>Arnon Nagler</i>	
			DATE <b>10/5/04</b>	
2	FULL NAME OF INVENTOR	LAST NAME <b>VLODAVSKY</b>	FIRST NAME <b>Israel</b>	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY <b>Mevasseret Zion</b>	STATE OR FOREIGN COUNTRY <b>Israel</b>	COUNTRY OF CITIZENSHIP <b>Israel</b>
3	POST OFFICE ADDRESS	STREET <b>34 Arbel Street</b>	CITY <b>Mevasseret Zion</b>	STATE OR COUNTRY <b>Israel</b> ZIP CODE <b>90805</b>
			DATE	
			SIGNATURE OF INVENTOR 202	
2	FULL NAME OF INVENTOR	LAST NAME <b>PINES,</b>	FIRST NAME <b>Mark</b>	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY <b>Rahovot</b>	STATE OR FOREIGN COUNTRY <b>Israel</b>	COUNTRY OF CITIZENSHIP <b>Israel</b>
1	POST OFFICE ADDRESS	STREET <b>2 Haisgalot Street, Havaalet</b>	CITY <b>Rahovot</b>	STATE OR COUNTRY <b>Israel</b> ZIP CODE <b>76605</b>
			DATE	
			SIGNATURE OF INVENTOR 203	

WINSTON & STRAWN DOCKET NO: 85189-5500

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like as made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

2	FULL NAME OF INVENTOR	LAST NAME <b>NAGLER</b>	FIRST NAME <b>Arnon</b>	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY <b>Jerusalem</b>	STATE OR FOREIGN COUNTRY <b>Israel</b>	COUNTRY OF CITIZENSHIP <b>Israel</b>
1	POST OFFICE ADDRESS	STREET <b>46 Sderot Herzl</b>	CITY <b>Jerusalem</b>	STATE OR COUNTRY <b>Israel</b> ZIP CODE <b>74381</b>
SIGNATURE OF INVENTOR 201				DATE
2	FULL NAME OF INVENTOR	LAST NAME <b>VLODAVSKY</b>	FIRST NAME <b>Israel</b>	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY <b>Mevasseret Zion</b>	STATE OR FOREIGN COUNTRY <b>Israel</b>	COUNTRY OF CITIZENSHIP <b>Israel</b>
2	POST OFFICE ADDRESS	STREET <b>34 Arbel Street</b>	CITY <b>Mevasseret Zion</b>	STATE OR COUNTRY <b>Israel</b> ZIP CODE <b>90805</b>
SIGNATURE OF INVENTOR 202 <i>Israel Vlodavsky</i>				DATE <i>May 5, 2004</i>
2	FULL NAME OF INVENTOR	LAST NAME <b>PINES,</b>	FIRST NAME <b>Mark</b>	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY <b>Rehovot</b>	STATE OR FOREIGN COUNTRY <b>Israel</b>	COUNTRY OF CITIZENSHIP <b>Israel</b>
3	POST OFFICE ADDRESS	STREET <b>8 Hasiqahot Street, Havazlet</b>	CITY <b>Rehovot</b>	STATE OR COUNTRY <b>Israel</b> ZIP CODE <b>75605</b>
SIGNATURE OF INVENTOR 203				DATE

10. MAY. 2004 18:29  
FROM :

WEBB & ASSOCIATES 972 8 9470860  
FAX NO. : 972 9 7669838

NO. 801 P. 13  
Mar. 29 2004 12:09PM F3

WINSTON & STRAWN DOCKET NO: 85189-5500

2	FULL NAME OF INVENTOR	LAST NAME <b>YARKONI</b>	FIRST NAME <b>Eli</b>	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY <b>Kfar Saba</b>	STATE OR FOREIGN COUNTRY <b>Israel</b>	COUNTRY OF CHILD-AGE <b>Israel</b>
4	POST OFFICE ADDRESS	STREET <b>33 Lamed Hey Street,</b>	CITY <b>Kfar Saba</b>	STATE OR COUNTRY <b>Israel</b>
			ZIP CODE <b>44395</b>	
	SIGNATURE OF INVENTOR 20s <i>Yonkoni Eli</i>			DATE <i>20/4/04</i>